

Radio Infinity

NR413-SA 3G Mobile Router

USER MANUAL

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IEEE 802.11b or 802.11g operation of this product in the U.S.A. is firmware-limited to channels 1 through 11.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note to US model owner: To comply with US FCC regulation, the country selection function has been completely removed from all US models. The above function is for non-US models only.

Table of Contents

Package Contents	3
Charging Methods	4
NR413-SA 3G Mobile Router Overview	5
Light-Indicators	5
LED Status	6
Battery Guide & Charging Tips	7
User Warning	8
Quick Connection & Setup	9
Quick & Advanced Configuration	10
Quick Configuration Settings	11-13
Accessing the Advanced Configuration Settings	14

Advanced Wireless Settings	15-20
i. Wireless Network (SSID & Wireless Channels)	16
ii. Wireless Security Policy (WEP, WPA, WPA-PSK)	17-18
iii. DHCP Settings	19
iv. Power Saving Settings	20

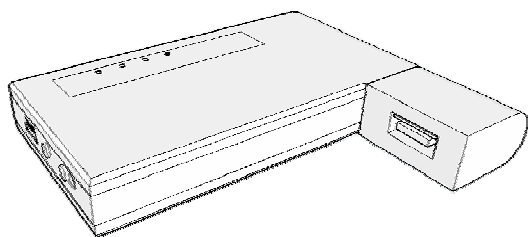
Advanced 3G Modem Settings	21
i. Pin Code Protect	21
ii. Dial Code	21
iii. APN Service	21
iv. 3G Username & Password	21

Advanced Firewall Settings	22-26
i. Firewall Settings	23
ii. IP/Port Filtering	24
iii. MAC Filtering	25
iv. VPN Pass-Through	26

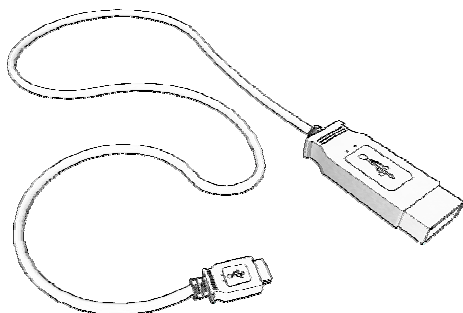
SMS	27
------------------	-----------

Administrator Options	28
i. Language	29
ii. Change Password	30
iii. Firmware Upgrade	31
iv. Settings Management	32

Package Contents



NR413-SA 3G Mobile Router



USB to mini-USB cable

CAUTION

Using a power supply with a different voltage rather than the one included with the NR413-SA will damage and void the warranty for this product.

Charging Methods

Power Adapter

Attach the USB end of the cable into the port of the power adapter and the other end into the Mini-B USB port of the NR413-SA Mobile Router, and then plug the power adapter into a wall socket.

PC or Laptop

To charge via PC or laptop, attach the cable into the USB port of your computer and the other end into the mini-USB port of the NR413-SA 3G Mobile Router.

Car Adapter

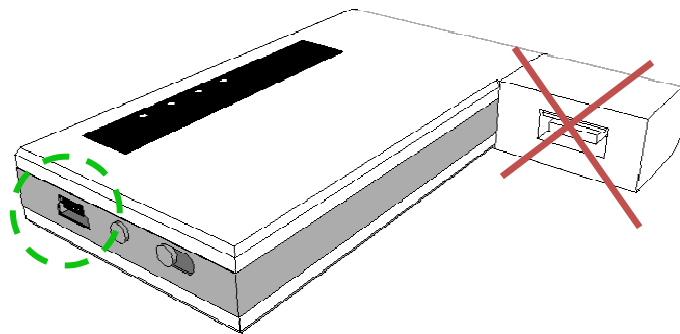
Use the optional car adapter to charge the NR413-SA 3G Mobile Router in your vehicle. Attach the cable into the mini-USB port of router and then plug the car adapter into the socket of the vehicle.

WARNING!

Do not attempt to charge the router via the USB dongle port!

This will cause damage to the router and void the warranty for this product.

*Always **charge** via the mini-USB port using the cable provided.*



NR413-SA 3G Mobile Router



Light Indicators



Indicates 3G Connection Sstatus

WIFI

Indicates Wi-Fi Connection Status






Power Status



Charging Indicator

LED Status

WIFI	Blinking On	Searching Network Connected to Wi-Fi Network*
	Blinking On	Dialling Network Connected to 3G Network*
	On/Off Blinking	Power Status* Low Battery
	On Off Blinking	Charging Not charging Battery Fault

NOTICE

In order to help conserve battery life, light indicators will automatically turn off after being connected for 10 seconds. [To refresh the light indicators, press the Wake button.](#)

Battery Guide & Charging Tips

NOTICE

*It is recommended **to fully charge the battery for a minimum of 8 hours** before using the NR413-SA 3G Mobile Router for the first time.*

About the battery

- It takes a minimum of 5 hours for the battery to fully charge.
- Battery life will last up to 6 hours depending on usage.
- Battery life lasts up to 100 hours in Standby Mode.

The battery for the NR413-SA 3G Mobile Router will last for up to 6 hours depending on:

- The manufacturer's USB 3G dongle.
- The number of Wi-Fi devices connected.
- Signal strength & Network.
- Online usage & Data transfers.
- Temperature, features, and accessories.

You can use the NR413-SA 3G Mobile Router while it is charging. However, be aware that it may take longer for the battery to become fully charge.

Tips

To maximize the potential of the NR413-SA 3G Mobile Router's battery, we recommend users to note the following:

- *When charging your router, keep it near room temperature.*
- *Avoid leaving the router in direct sunlight.*
- *Allow for frequent full charge and discharge cycles.*
- *Store your router in a cool, dry place.*
- *Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F).*
- *It is normal for batteries to gradually wear down and require longer charging times.*

Antenna Reception

Users can rotate the dongle to improve the wireless 3G reception in weak signal areas.

For optimal reception strength, rotate the dongle to **90 degrees**.

Although the Mobile Router is designed to rotate to a maximum of **180 degrees**, it is recommended for users not to rotate the dongle beyond **120 degrees**.

WARNING!

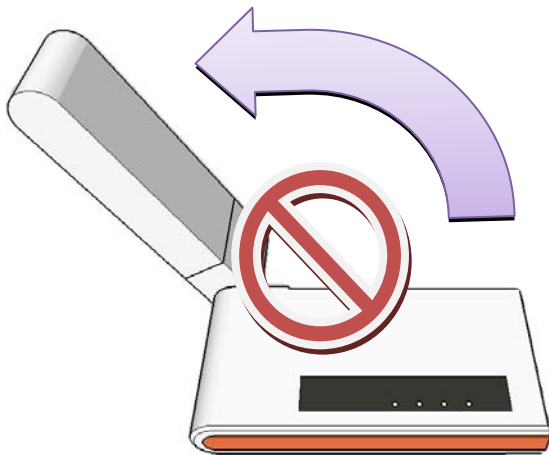
Always rotate the dongle upwards with the light indicator panel of the Mobile Router facing upwards no further than 180 degrees.

Similarly, do not rotate the dongle downwards beyond 45 degrees.

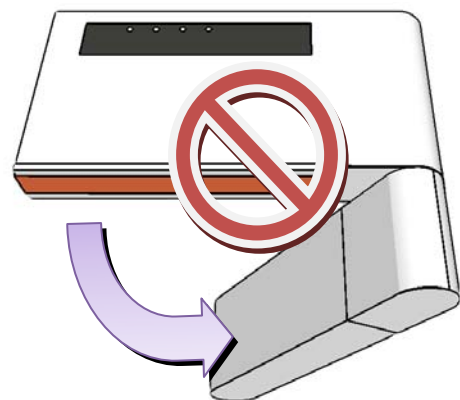
Rotating the dongle beyond these points will damage and void the warranty of the Mobile Router.



*For optimal reception strength,
rotate the dongle to **90 degrees***



***Do not rotate the dongle upwards
beyond 90 degrees***

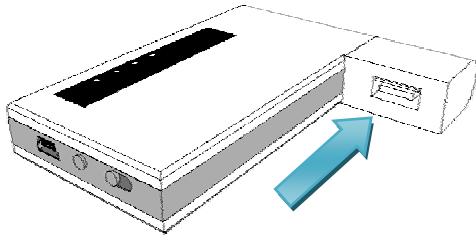


***Do not rotate the dongle downwards
beyond 45 degrees***

Quick Connection & Setup

Connecting to the NR413-SA 3G Mobile Router

- ① Plug in your USB 3G modem



- ② Move the power switch from **OFF** > **ON**.

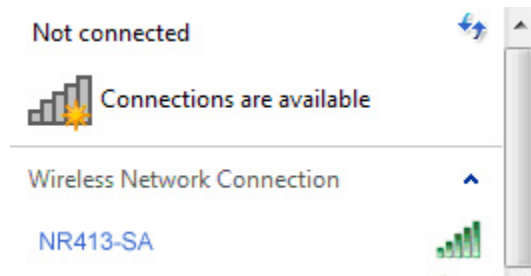


The power LED light will turn on. The Wi-Fi & 3G LED lights will flash.

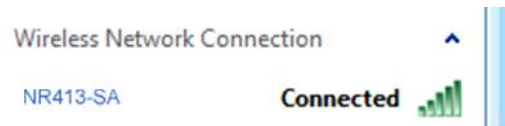
- ③ The lights will stay on once a successful connection has been established.



- ④ Open your wireless network and search for **NR413-SA**



- ⑤ Connect to **NR413-SA**



NOTICE

You can connect to the NR413-SA 3G Mobile Router without configuring any security settings. However, it is highly recommend that you enable Wi-Fi security to prevent unauthorized users from accessing your network

Quick & Advanced Configuration

Once you have connected to the NR413-SA 3G Mobile Router you can now login and use the browser interface to configure the router's settings.

To login

1. Open your Web browser. Enter **192.168.6.1** into the address bar and press **Enter** or the **Return** key. You will be directed to the login page for the browser interface.



2. Select the '**Quick**' or '**Advanced**' button on the login page.

A screenshot of the login page for the NR413-SA 3G Mobile Router. It features a language dropdown menu set to 'English', a settings mode section with 'Quick' selected (indicated by a green dot) and 'Advanced' as an alternative, a password input field, and a 'login' button. A note below the password field states '(Default: admin)'.

Language : English ▾

Settings mode : ☒ Quick ☐ Advanced

Password :

(Default: admin)

Select the '**Quick**' option to quickly configure the router's basic settings, such as setting the Dial code, APN and wireless security.

For more configuration options, select '**Advanced**' to be directed to the Main Homepage. Users can then navigate through the router's advanced settings to configure MAC addresses, DHCP, Firewall, SMS and Firmware Upgrade.


3. Enter your password & click '**login**'.
(Default password is: '**admin**')

Tips

'Add to Favorites' or 'Bookmark this page' in your Web browser for faster & easier access.

Quick Configuration Settings

In the 'Quick Settings' window, users can quickly configure the basic 3G & Wireless settings for the NR413-SA 3G Mobile Router.



NR413SA

Firmware v. 1.3.1.2

-Main Menu-

-Logout-

Reboot

3G

Dial Code

APN Service

Wireless

AP name(SSID)

Security mode

Algorithms Mode / CipherWPA+WPA2(Auto) / TKIP+CCMP

Password

• ASCII : 8-63 characters

SaveCancel

Note: You must reboot the router in order for changes to take effect.

3G

Dial code, APN Service

- Enter the *Dial Code* for your 3G network
- Enter the *APN service name*

3G

Dial Code

APN Service

NOTICE

The dial code and APN service name should be given you to by your network provider. If you are not certain, contact your network provider to find out the dial code & APN Service for your region, plus any additional information you may require.

Wireless

- **SSID** - This is the wireless network's name. Change it to something unique so that users can easily identify your network.

The image shows a 'Wireless' configuration window. The 'AP name(SSID)' field is highlighted with a red box and contains the text 'NR413-SA'. Below it, the 'Security mode' is set to 'WPA-PSK' with a dropdown arrow. The 'Algorithms Mode / Cipher' is set to 'WPA+WPA2(Auto) / TKIP+CCMP'. The 'Password' field contains '12345678'. At the bottom, there is a note: '• ASCII : 8-63 characters'.

- **Security** - The drop-down menu on the right will give you **Security mode** options. Select which type of the security feature you would like to enable on your wireless network (**OPEN**, **WEP**, or **WPA-PSK**)

The image shows the 'Wireless' configuration window with the 'Security mode' dropdown menu open. The menu options are 'WPA-PSK', 'OPEN', 'WEP', and 'WPA-PSK'. The 'OPEN' option is highlighted with a blue background. The other fields remain the same as in the previous image.

NOTICE

You may leave your network '**OPEN**' to allow access for all users without a network security key. However, this is not recommended.

-- Using '**WEP**'

Selecting '**WEP**' and the configuration window will expand and the following will become visible.

The image shows the 'Wireless' configuration window expanded for the 'WEP' security mode. The 'Security mode' dropdown is set to 'WEP'. Below it, the 'Authentication / Default Key' is set to 'Open / KEY 1'. The 'Password' field contains '1234567890' and the encryption type is set to 'HEX'. At the bottom, there are two notes: '• 40 bits : 5 ASCII or 10 HEX characters' and '• 104 bits : 13 ASCII or 26 HEX characters'.

Authentication / Default Key – This allows you to see the current settings for this configuration (See **Advanced Wireless Settings**).

Password & HEX / ASCII – Select either **HEX** or **ASCII** encryption from the drop-down menu on the right and then set the new password for your wireless network

-- Using '**WPA-PSK**'

Selecting '**WPA-PSK**' and the configuration window will expand and the following will become visible.

Wireless	
AP name(SSID)	NR413-SA
Security mode	WPA-PSK ▼
Algorithms Mode / Cipher WPA+WPA2(Auto) / TKIP+CCMP	
Password	12345678
• ASCII : 8-63 characters	

Mode / Cypher – This allows you to see the current settings for this configuration. (See **Advanced Wireless Settings**).

Password – Set the new password for your wireless network (ASCII: between 8-63 alphanumeric characters).

NOTICE

Each time you configure the settings, you must reboot the router in order for the changes to take effect.

1. Click on the **'Save'** button to save your settings.
2. Click on the **'reboot'** button on the left side of the window.

Wireless	
AP name(SSID)	NR413-SA
Security mode	WPA-PSK ▼
Algorithms Mode / Cipher WPA+WPA2(Auto) / TKIP+CCMP	
Password	12345678
• ASCII : 8-63 characters	

Reboot

↖

②

①

→

Save

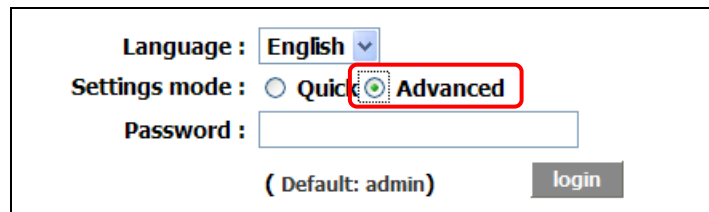
Cancel

Note: You must reboot the router in order for changes to take effect.

Accessing the Advanced Configuration Settings

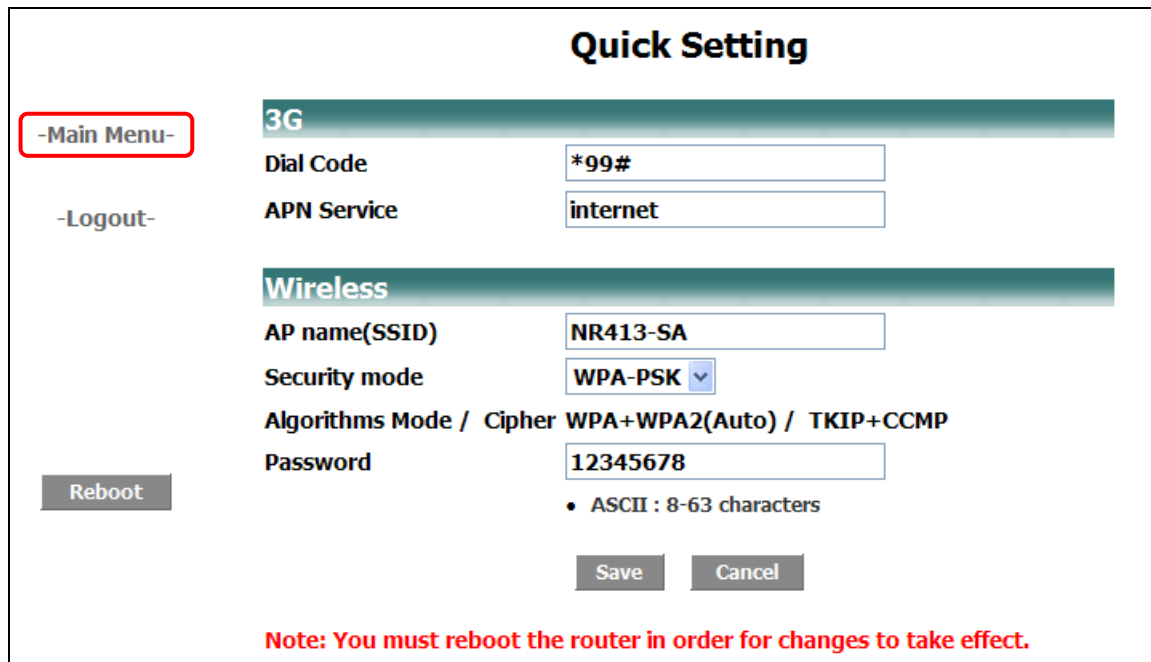
You can access the 'Advanced Settings' from the router's Main Homepage, either by:

- ① Selecting the 'Advanced' button on the browser's login page.



The screenshot shows the router's login page. It includes a 'Language' dropdown menu set to 'English', a 'Settings mode' section with radio buttons for 'Quick' and 'Advanced' (the 'Advanced' option is selected and highlighted with a red box), a 'Password' input field, a '(Default: admin)' label, and a 'login' button.

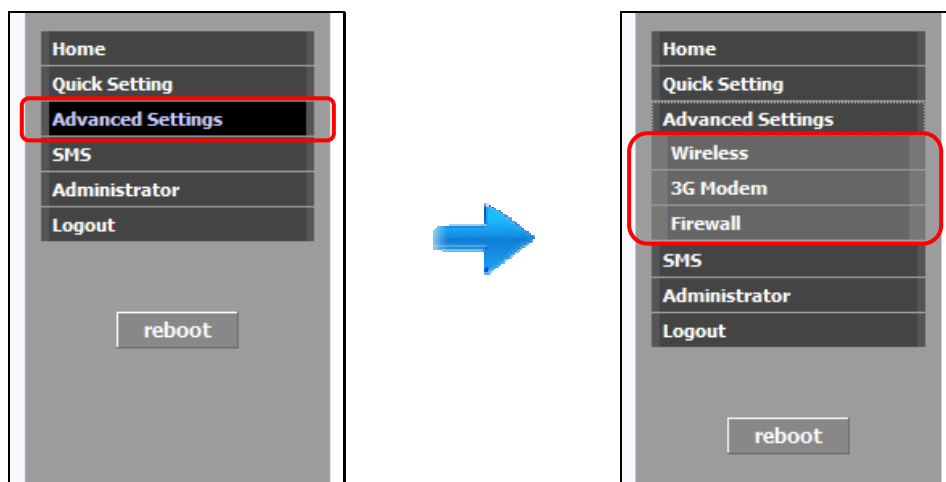
- ② By clicking the 'Main Menu' link from the 'Quick Settings' page.



The screenshot shows the 'Quick Setting' page. On the left sidebar, the '-Main Menu-' link is highlighted with a red box. The main content area is divided into two sections: '3G' and 'Wireless'. The '3G' section includes fields for 'Dial Code' (set to '*99#') and 'APN Service' (set to 'internet'). The 'Wireless' section includes fields for 'AP name(SSID)' (set to 'NR413-SA'), 'Security mode' (set to 'WPA-PSK'), 'Algorithms Mode / Cipher' (set to 'WPA+WPA2(Auto) / TKIP+CCMP'), and 'Password' (set to '12345678'). A 'Reboot' button is located at the bottom left of the main content area. At the bottom right, there are 'Save' and 'Cancel' buttons. A red note at the bottom states: 'Note: You must reboot the router in order for changes to take effect.'

Once in the Main Homepage, click on the 'Advanced Settings' tab to expand further configuration options for:

- ① Wireless
- ② 3G Modem
- ③ Firewall



Advanced Wireless Settings

Click on 'Advanced Settings' > 'Wireless'.

Advanced Wireless Settings

Click on 'Advanced Settings' > 'Wireless'.

Wireless Settings

Wireless Network

SSID: NR413-SA

Channel: Auto

Network Mode: 11 b/g mixed

MAC Address: 00:12:CF:D0:13:22

Wireless Security Policy

Security Mode: OPEN

DHCP Settings

IP Address: 192 . 168 . 6 . 1

Subnet Mask: 255. 255. 255. 0

DNS: 168 . 95 . 1 . 1
168 . 95 . 192 . 1

Power Saving Settings

Power Saving Time (min): 10

Save Cancel

The page on the right will now give you options to configure the following settings for:

- ① Wireless Network (SSID & Wireless Channels).
- ② Wireless Security Policy (WEP, WPA, WPA-PSK, or open)
- ③ DHCP Setting
- ④ Power Saving Setting

① Wireless Network

- **SSID** - This is the wireless network's name. Change it to something unique for other users to easily identify your network.

SSID	NR413-SA
------	----------

- **Wireless Channel** - Click on the drop-down menu to choose wireless channels. In North America and Europe, the available channels are 1-13. In Japan, they are 1-14.

Tips

Try changing channels to get around interferences.

Preferred channels to use are 1, 6 and 11 since they are considered non-overlapping channels.

Channel	Auto
Network Mode	Auto mixed
MAC Address	00:13:22

- **Network Mode** - Three wireless operating modes are supported on the router .Click on the drop-down menu to choose 11 b/g mixed, 11 b-only, or 11 g-only.

Network Mode	11 b/g mixed
MAC Address	00:13:22

- **MAC Address** - This is the router's unique ID that can be identified by other devices.

MAC Address	00:12:CF:D0:13:22
-------------	-------------------

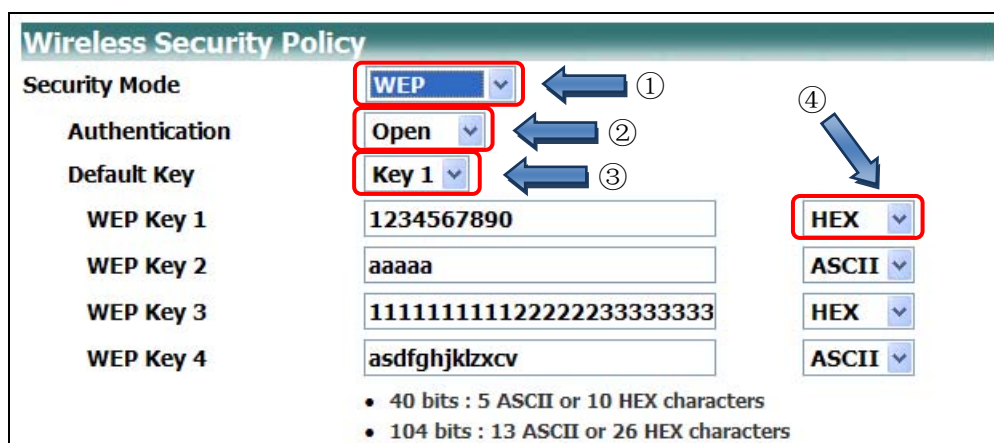
② Wireless Security Policy

- **Security Mode** - Click on the drop-down menu to choose which type of Wireless Security you would like to enable (WEP, WPA-PSK).



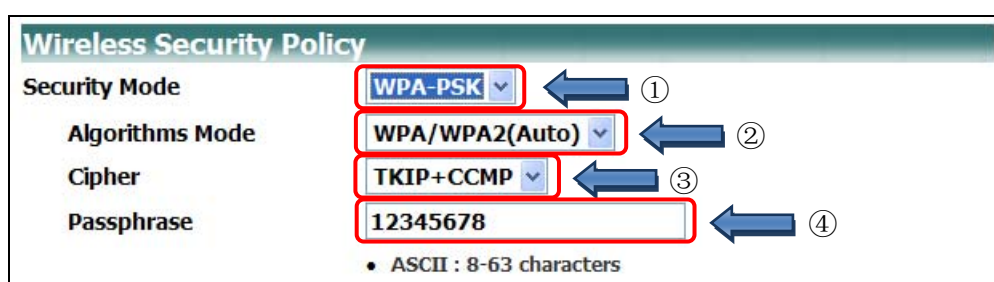
- **Wired Equivalent Privacy (WEP)** - This is a 64-bit key with 10 hexadecimal digits or a 128-bit WEP key with 26 hexadecimal digits. This encryption will prevent other users from connecting to a wireless network using your own WEP key. It will also protect your wireless transmissions/communications from being accessed or received by other users.

To enable WEP, click on the drop-down menu and select '**WEP**'. Further security setting options for will become available to you.



- ① Select '**WEP**' from drop-down menu
- ② Choose either '**Open**' or '**Shared**' key authentication from the '**Authentication**' drop-down menu.
- ③ Select which '**WEP Key (1-4)**' you would like to enable.
- ④ Select '**HEX**' or '**ASCII**' encryption from the drop-down menu on the right and then type your WEP Key into the box provided.

- **Wi-Fi Protected Access Pre Shared Key (WPA-PSK)** - This is a special mode of WPA that provides stronger encryption protection than WEP encryption for users without an enterprise authentication server. Click on the drop-down menu to choose which type of Wireless Security you would like to enable (WEP, WPA-PSK, WPA2-PSK).



- ① Select '**WPA-PSK**' from the drop-down menu
- ② Choose which network security '**Algorithms Mode**' you would like to enable from the drop-down menu

The 'Wireless Security Policy' window is shown. The 'Security Mode' is set to 'WPA-PSK'. The 'Algorithms Mode' dropdown menu is open, showing options: 'WPA/WPA2(Auto)', 'WPA Only', 'WPA2 Only', and 'WPA/WPA2(Auto)'. The 'WPA/WPA2(Auto)' option is highlighted with a red box. The 'Cipher' and 'Passphrase' fields are empty.

- ③ Select which '**Cipher**' to enable from the drop-down menu.

The 'Wireless Security Policy' window is shown. The 'Security Mode' is 'WPA-PSK' and 'Algorithms Mode' is 'WPA/WPA2(Auto)'. The 'Cipher' dropdown menu is open, showing options: 'TKIP+CCMP', 'TKIP', 'CCMP', and 'TKIP+CCMP'. The 'TKIP+CCMP' option is highlighted with a red box. The 'Passphrase' field is empty.

- ④ Enter your '**Passphrase**' (between 8-63 characters).

This will serve as your network key whenever you connect to your wireless network.

The 'Wireless Security Policy' window is shown. The 'Security Mode' is 'WPA-PSK', 'Algorithms Mode' is 'WPA/WPA2(Auto)', and 'Cipher' is 'TKIP+CCMP'. The 'Passphrase' field contains the text '12345678' and is highlighted with a red box. Below the field, it says '• ASCII : 8-63 characters'.

DHCP Settings

This is a method for automatically configuring TCP/IP network settings on computers, printers, and other network devices.

DHCP Settings								
IP Address	192	.	168	.	6	.	1	①
Subnet Mask	255. 255. 255. 0							
DNS	168	.	95	.	1	.	1	②
	168	.	95	.	192	.	1	

① Configure you IP address in this field.

② Configure the DNS address in this field

NOTICE

The Subnet mask will configure automatically according to the Class rules set by the IP Address Range.

IP Address Range

Class A: 10.0.0.1 – 10.255.255.254

Class B: 172.16.0.1 – 172.31.255.254

Class C: 192.168.0.1 – 192.168.255.254

Subnet mask

Class A: 255.0.0.0

Class B: 255.255.0.0

Class C: 255.255.255.0

Power Saving Settings

In order to save battery life, the router will enter 'Sleep Mode' if there is no data activity (upstream/downstream) over a given period of time.

User can enable/disable this setting, or configure the time period when the router to enters 'Sleep Mode'. (The default 'Sleep Mode' setting is set to 10mins.)

Power Saving Settings

Power Saving Time (min)

10
disable
5
10
15
20
25
30

Cancel

Note: You must reboot the router for changes to take effect.

Select to disable Power Saving Time, or choose the time period in which the router enters 'Sleep Mode' between 5min-30mins (in 5min increments).

Advanced 3G Settings

3G Internet Settings

3G main settings

Pin Code ☒ Enable Default: 0000

Dial Code

APN Service

3G Username Default: UN

3G Password Default: PW

Note: You must reboot the router in order for changes to take effect.

The page on the right will now give you options to configure the following settings for:

- ① Pin Code Protect
- ② Dial Code
- ③ APN Service
- ④ 3G Username & Password

• Pin Code' Protect

Click '**Enable**' to enter the Pin Code for your 3G network. This is optional, and only required if your service provider asks you to do so. If your PIN code is "0000" enter 0000.

WARNING!

If after 3 attempts you fail to enter the correct Pin Code, your SIM card will be locked. Please contact your ISP to obtain the correct Pin Code for your SIM card.

• Dial Code

Enter the Dial Code for your 3G network in this field. This is necessary to connect to your 3G network and should be given by your Internet Service Provider (ISP).

• Access Point Name (APN) Service

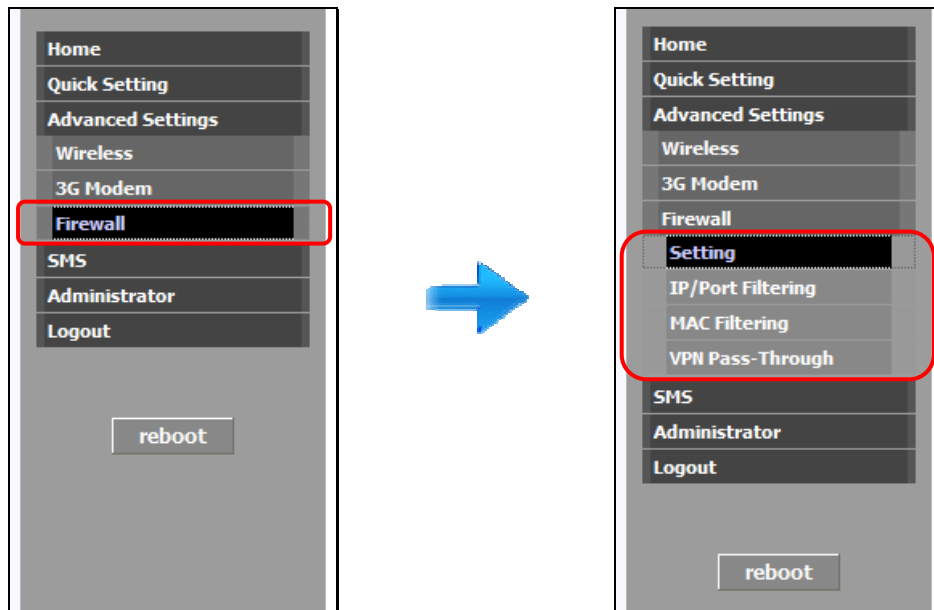
Enter the APN code assigned by your Internet Service Provider (ISP).

• 3G Username & 3G Password

Enter your 3G Username and password here.

Advanced Firewall Settings

Click on 'Advanced Settings' > 'Firewall'



The menu on the left will expand to give you more configuration options for the following advanced Firewall settings:

- ① Firewall Enable/Disable Setting
- ② IP/Port Filtering
- ③ MAC Filtering
- ④ VPN Pass-through

Firewall Setting

Click on 'Firewall' > 'Setting' under the 'Advanced Setting' drop-down menu.

Firewall Settings

Firewall Disable/Enable

Firewall **Enable** ▼

Stateful Packet Inspection(SPI) **Enable** ▼

IP/Port Filter **Enable** ▼

MAC Filter **Enable** ▼

Note: You must reboot the router in order for changes to take effect.

Save Cancel

reboot

The page on the right will now give you options to enable/disable the Firewall features for:

- ① Firewall Enable/Disable Setting
- ② Stateful Packet Inspection (SPI)
- ③ IP/Port Filter
- ④ MAC Filter

Firewall Disable/Enable

Firewall **Enable** ▼

Stateful Packet Inspection(SPI) **Enable** ▼

IP/Port Filter **Enable** ▼

MAC Filter **Enable** ▼

Save Cancel

Click on the drop-down menu box to enable/disable the Firewall features.

IP/Port Filtering

Click on 'Firewall' > 'IP/Port Filtering' under the 'Advanced Settings' drop-down menu.

The page on the right will now give you options to determine which Protocols and Port rules you wish to enforce on IP Addresses you add to the router's filter system. The configuration options allow you to:

- Enter the Local IP Address
- Set Protocol (TCP/UDP, or Both)
- Determine the Port Ranges

Once you have determined the filter settings for the Local IP Address, click '~' to add the address to the IP filter list.

If you wish to delete an IP Address from the Filter list, simply tick the box next to the address and click the 'Delete' button at the bottom of the page.

MAC Filtering

Click on 'Firewall' > 'MAC Filtering' under the 'Advanced Settings' drop-down menu. The page on the right will open and allow you to add/delete MAC address settings.

MAC Filterings

Filtering Settings
Setup MAC filtering to increase security over your Wi-Fi network. Selected MAC addresses will be blocked from your Wi-Fi network.

Remaining number of entries which can be added: **30**

Adding New MAC Filter Settings

MAC Address
• Input format: XX:XX:XX:XX:XX:XX

Save Cancel

Current MAC Address filtering rules in system

No.	Protocol	Del.
- No data -		

Delete Cancel

Note: You must reboot the router in order for changes to take effect.

MAC Filtering allows you to restrict access to your NR413-SA 3G Mobile Router to only those devices with a specific MAC address. The MAC address is a unique code specific to a particular piece of hardware or device.

- Enter the MAC address of the device you want to add. Then click 'Add'.

To delete a MAC address from the list, check the box next to the MAC address and then click on the 'Delete' button at the bottom of the page.

Current MAC Address filtering rules in system

No.	Protocol	Del.
1	00:11:22:33:44:55	<input checked="" type="checkbox"/>
2	00:1E:A3:8C:92:BA	<input type="checkbox"/>

Delete Cancel

Tips

On a Windows machine, you can view the MAC address of any device currently connected to the NR413-SA 3G Mobile Router by running **ipconfig/all** from the command prompt window (cmd).

VPN Pass-through

Click on 'Firewall' > 'VPN Pass-through' under the 'Advanced Setting' drop-down menu. The page on the right will open and allow you to configure VPN Pass-through settings.

The screenshot displays the D-Link router's web interface. At the top left is the D-Link logo and 'Firmware v. 1.3.1.2'. At the top right is the model number 'NR413SA' and a 3G signal indicator. The left sidebar contains a menu with options: Home, Quick Setting, Advanced Settings, Wireless, 3G Modem, Firewall, Setting, IP/Port Filtering, MAC Filtering, **VPN Pass-Through** (highlighted with a red box), SMS, Administrator, and Logout. A 'reboot' button is located at the bottom of the sidebar. The main content area is titled 'VPN Pass-Through'. Below the title is a section 'VPN Pass-Through Disable/Enable'. This section contains two settings: 'VPN PPTP Pass-Through' and 'VPN IPSec Pass-Through'. Each setting has a dropdown menu set to 'Disable', which are highlighted with red boxes. Below these settings are 'Save' and 'Cancel' buttons. A red note at the bottom of the main area reads: 'Note: You must reboot the router in order for changes to take effect.'

Use the drop-down menu on the right to enable/disable:

- VPN PPTP Pass-Through
- VPN IPSec Pass-Through

Click on the 'Save' button to save the new settings

SMS

Use this setting to send text messages (Short Message Service)

Click on '**SMS**' from the Main Menu

The screenshot shows the D-Link router's web interface. The top left features the D-Link logo and 'Firmware v. 1.3.1.2'. The top right shows 'NR413SA' and a 3G signal indicator. The left sidebar contains a menu with options: Home, Quick Setting, Advanced Settings, Wireless, 3G Modem, Firewall, Setting, IP/Port Filtering, MAC Filtering, VPN Pass-Through, **SMS** (highlighted with a red box), Administrator, and Logout. Below the menu is a 'reboot' button. The main content area is titled 'SMS' and contains a 'Send Message' section. This section has a 'Phone Num.' field with a list of instructions: 'Fill out this field with your phone number, using half-width numerics, separated with ',' e.g. 0988123456,0933000000.', 'Enter International cell phone numbers without '+' symbol, e.g. 886988123456,886933000000.', and 'The maximum number of messages that can sent each time is limited to 20.' Below this is a 'Msg. Content' field with a note: 'Each message is limited to a maximum of 160 alphanumeric characters (70 characters for Unicode)'. At the bottom of the 'Send Message' section are 'Send SMS' and 'New SMS' buttons. Below this is a status bar that says 'Store SMS 1 text messages on your SIM card'. The 'Receive Message' section shows a table with columns: No., From, Message Content, Date, and Del.

- ① Enter the phone number(s) you wish to send the message to in the '**Phone Num.**' box.
For international cell phone numbers, type in the international dialling codes without the '+' symbol.
If you wish to send to multiple phone numbers, use the comma key ',' to separate each phone number. e.g. 0988123456, 0988123457.
- ② Type your message in the '**Msg. Content**' box.

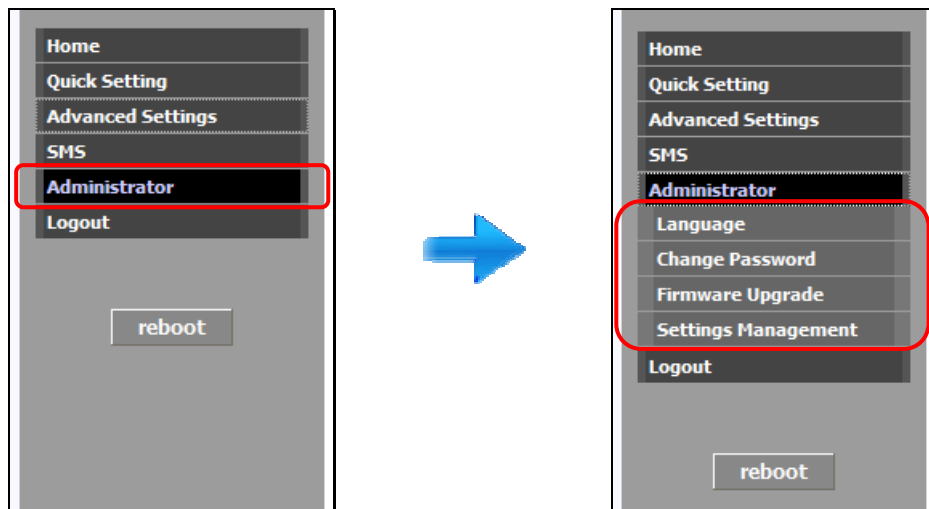
To start a new SMS message click on '**New SMS**' button.

NOTICE

The SMS feature may not be supported or available to some 3G dongles.

Administrator Options

Click on '**Administrator**' from the main Advanced menu on the left. The menu will expand to give you more configuration options:



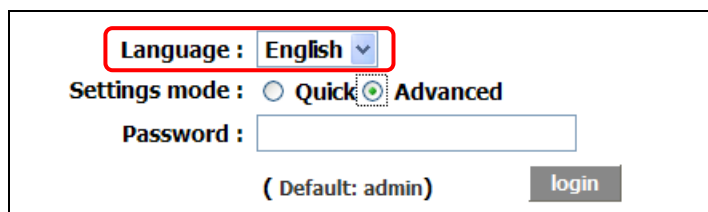
Under 'Administrator' options you will be able to:

- ① Change Language
- ② Change Password
- ③ Apply Firmware Upgrade
- ④ Settings Management

Change Language

There are 2 ways to change the WEB page language for the NR413-SA 3G Mobile Router.

- ① Use the drop-down menu on the browser's login page and select the language you want.



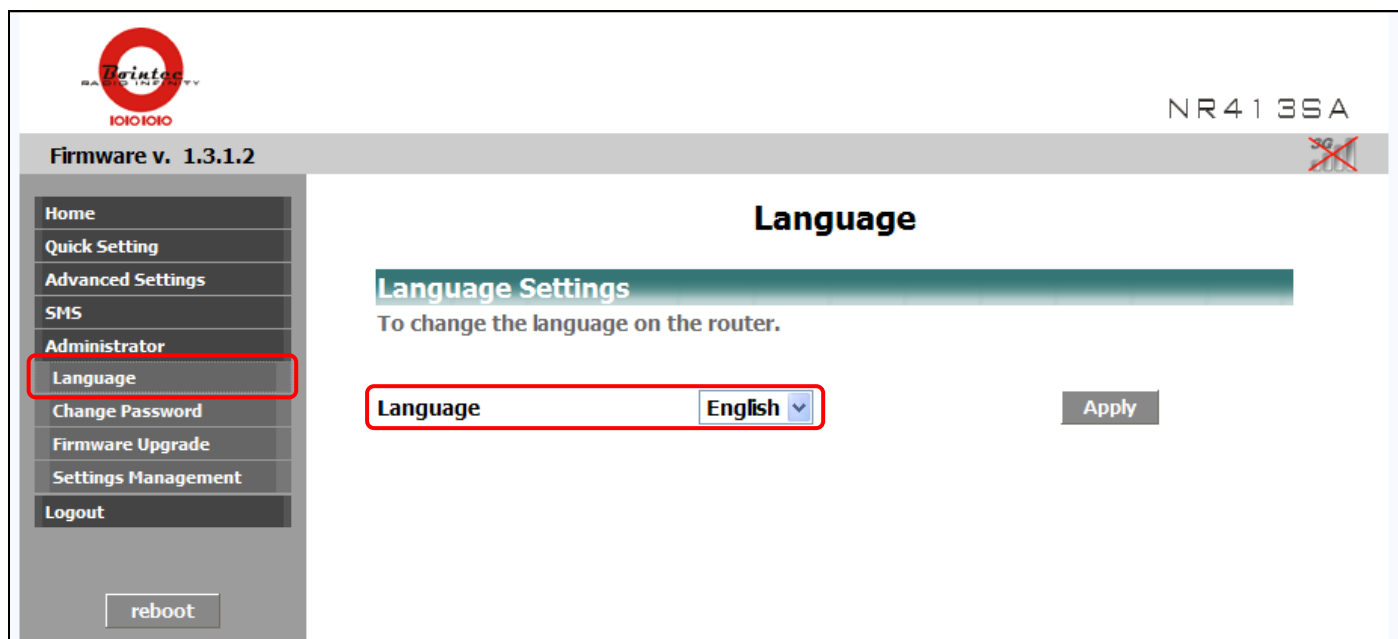
Language : English ▼


Settings mode : ☐ Quick ☒ Advanced

Password :

(Default: admin)

- ② By clicking 'Administrator' > 'Language' and select the language you want.



 NR413SA

Firmware v. 1.3.1.2

Home

Quick Setting

Advanced Settings

SMS

Administrator

Language

Change Password

Firmware Upgrade

Settings Management

Logout

reboot

Language

Language Settings

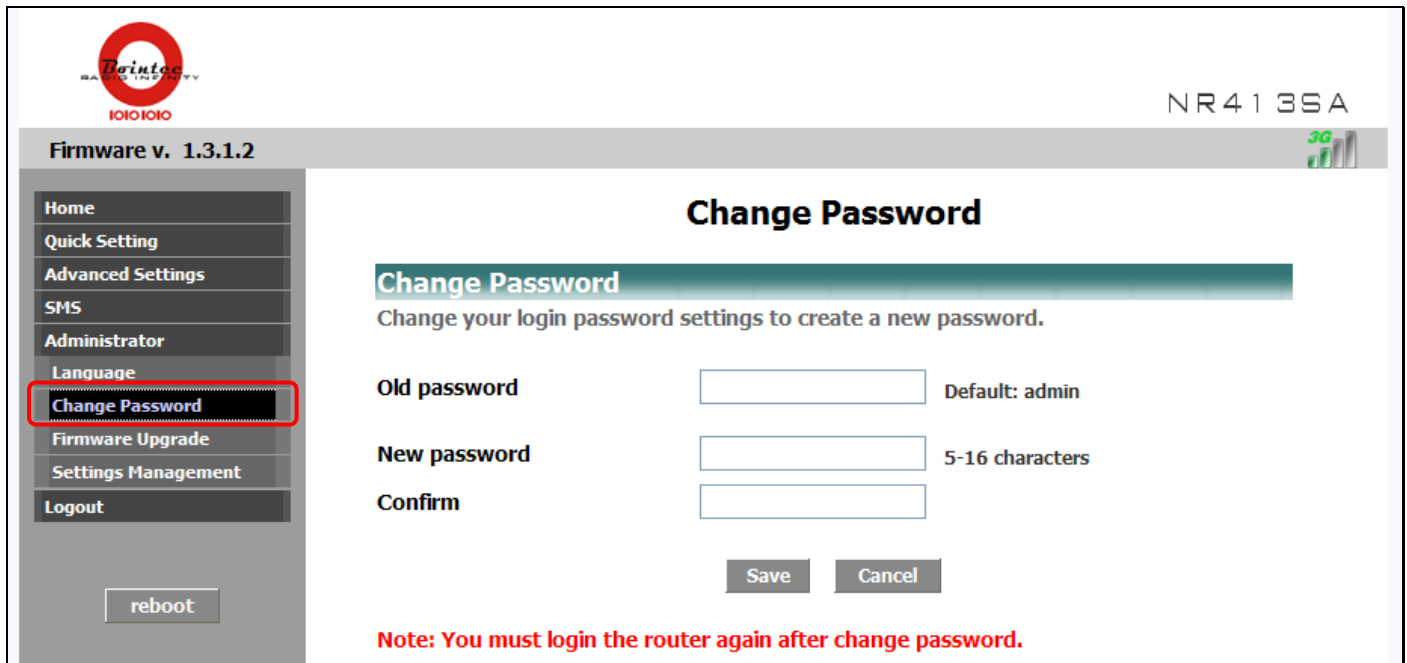
To change the language on the router.

Language English ▼

Change Password

Use this setting to change the Administrator Password for the NR413-SA 3G Mobile Router. This will become the new password you use every time you login to the router.

Click on '**Administrator**'>'Change Password'.



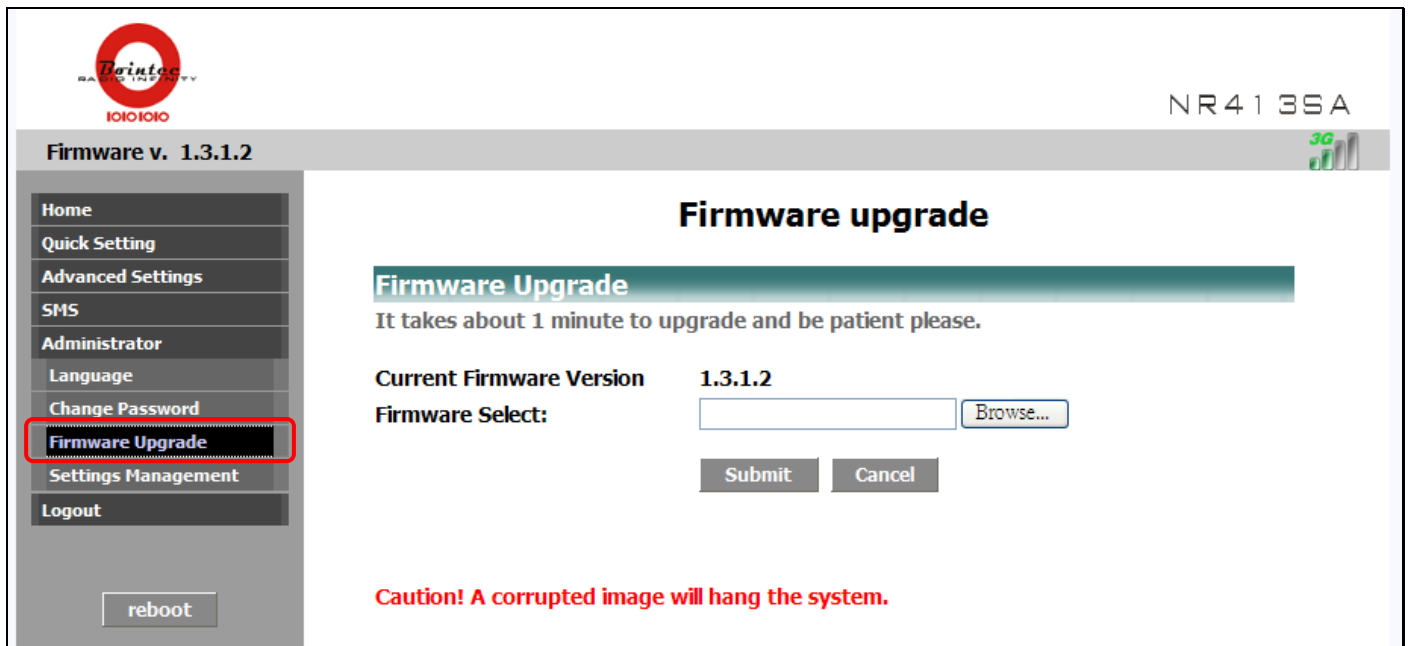
The screenshot shows the web interface of a Zte NR413-SA 3G Mobile Router. The top header includes the Zte logo, the model number 'NR413-SA', and a '3G' signal indicator. Below the header, the firmware version 'Firmware v. 1.3.1.2' is displayed. A left sidebar contains a menu with options: Home, Quick Setting, Advanced Settings, SMS, Administrator, Language, Change Password (highlighted with a red box), Firmware Upgrade, Settings Management, and Logout. A 'reboot' button is located at the bottom of the sidebar. The main content area is titled 'Change Password' and contains a sub-header 'Change Password' with a description: 'Change your login password settings to create a new password.' Below this, there are three input fields: 'Old password' (with a default value of 'admin'), 'New password' (with a requirement of '5-16 characters'), and 'Confirm'. At the bottom of the form are 'Save' and 'Cancel' buttons. A red note at the bottom states: 'Note: You must login the router again after change password.'

1. Enter your old password (default is '**admin**')
2. Enter your new password
3. Confirm your new password
4. Click the '**Save**' button to save your changes.

Firmware Upgrade

Use this setting to change the upgrade the firmware version for the NR413-SA 3G Mobile Router.

Click on 'Administrator' > 'Firmware Upgrade'.



The screenshot displays the web management interface of a D-Link NR413-SA 3G Mobile Router. The top header shows the D-Link logo and the model number NR413SA. The left sidebar contains a menu with options: Home, Quick Setting, Advanced Settings, SMS, Administrator, Language, Change Password, **Firmware Upgrade** (highlighted with a red box), Settings Management, and Logout. Below the menu is a 'reboot' button. The main content area is titled 'Firmware upgrade' and includes a sub-header 'Firmware Upgrade' with a note: 'It takes about 1 minute to upgrade and be patient please.' Below this, it shows 'Current Firmware Version: 1.3.1.2' and a 'Firmware Select:' field with a 'Browse...' button. At the bottom of the main area are 'Submit' and 'Cancel' buttons. A red warning message at the bottom states: 'Caution! A corrupted image will hang the system.'

Click on 'Choose File' to browse for the firmware file image on your computer then click on the 'Submit' button to apply the firmware upgrade.

WARNING!

Do not apply the firmware upgrade when the battery is low!

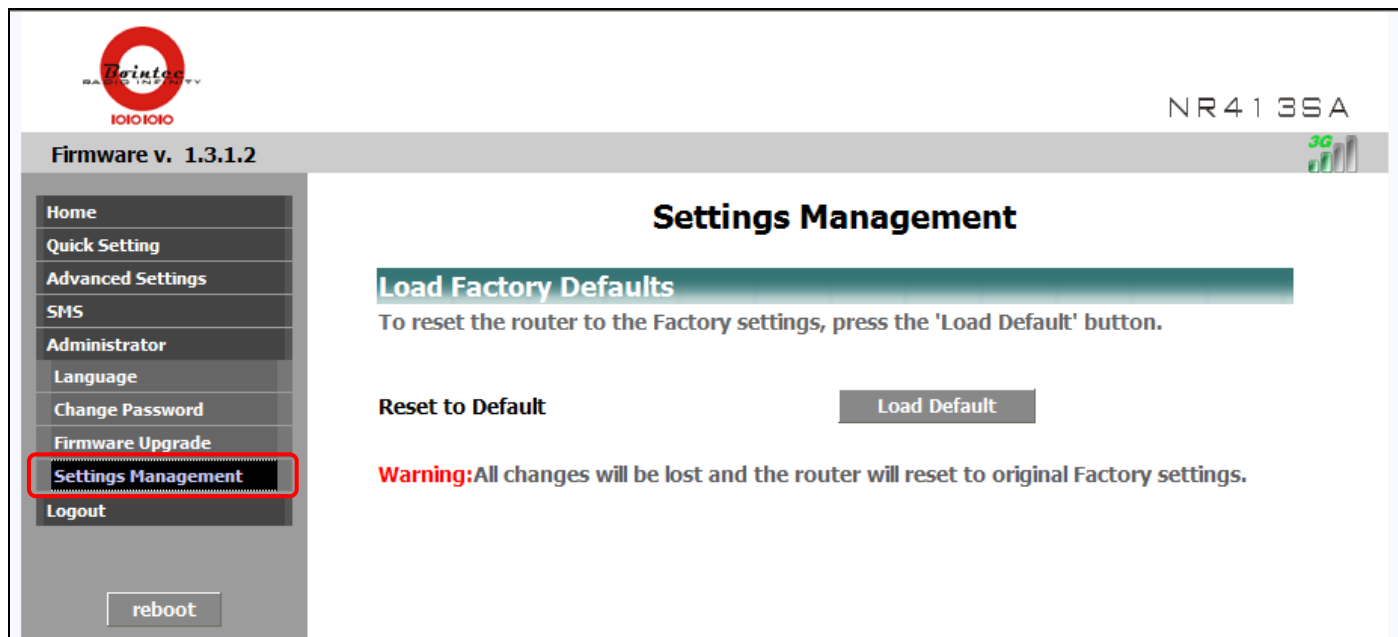
The router may shutdown during the update process and cause a corrupt system.

Make sure to fully charge the router or connect to the power adapter to ensure a successful firmware upgrade.

Settings Management

Use this setting to reset the router to its factory/default settings.

Click on 'Administrator' > 'Settings Management'.



To reset back to default settings, click on the 'Load Default' button.

All saved settings will be lost and the router will reset back to its original factory settings

WARNING!

Do not turn off the router while it resets.